## Use Attainability Analysis

for

WBID 1679 Slaughter Branch

Submitted by Missouri Department of Natural Resources Staff

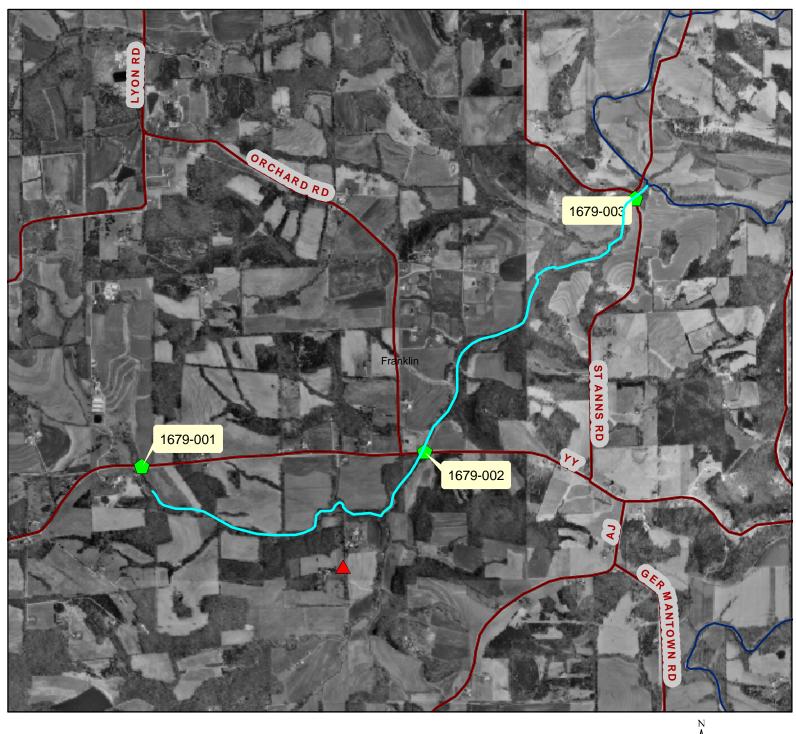
To Missouri Department of Natural Resources Water Protection Program

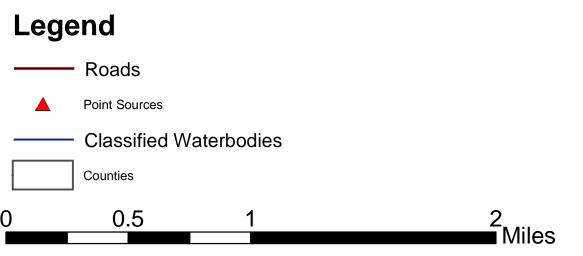
## Data Sheet A - Water Body Identification

Water Body Name: (from USGS 7.5' quad) 5/ace above Branch
8-digit HUC: 10300200
The state of the s
County: Franklin
Upstream Legal Description:
Downstream Legal Description:
Upstream Coordinates: (UGS 84, ddd.ddddd) 001 91. 15381/38.505/5  Downstream Coordinates: (UGS 84, ddd.ddddd) 003 91. 114.07/38.52.067
Downstream Coordinates: (UGS 84, ddd.ddddd) 003 91, 114 07 / 36, 52, 067
,
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Mary Clark 573 - 526 - 1802
Organization: BONR
Position: ESHL
the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA tasheet is true and accurate.
AMERICA IN STATE WITH WITH WILL

Signed:_	May	clare		Date:	7-5-0S	
	0		•			,

# Slaughter Branch (C) #1679 Franklin County





or Brushy a.

Dota	Shoot	R.	Site	Characterization
Data	Sneer	Ð-	SHE	CHAPACICIEZATION

(A separate data sheet must be completed for each site)

1.C	10 1101		Site Locati	ion Description: 5/acc	seen a make
Missouri WBID#: /	79-00!	0		ev a can	a seeka
Site GPS Coordinates:	1.15381/30	7,000	KAS	1 onge ~	my was of
Date & Time: 7- 5	70 S 0	130	Facility No		···
Personnel: Mary	Clark	<u>,</u>	Permit Nu	mber:	
Current Weather Conditi	ions: at clde	,	Weather C	Conditions for Past 7 days:	
Photo Ids: Upstream:	136 D6	vnstream: (	<u> </u>	Other:	
s Observed*:	☐ Skin diving	□ sci	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□ Bos	ating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fisl	ning	None of the above	Other:
Describe: (include numb	er of individuals re	creating, frequ	ency of use,	photo-documentation of eviden	ce of recreational uses, etc.
					`
rrounding Conditions of interest.)	ns*: (Mark all that	promote or im	pede recreat	ional uses. Attach photos of evi	dence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC ∞	nservation l	ands 🗀 Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway
[7] No treopage sign	□ Fence	☐ Steen sic	nnes	Q Other: Cun al	Com - Sand

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

☐ Foot paths/prints

☐ Camping Sites

□ Dock/platform

☐ Fire pit/ring

□ RV / ATV Tracks

☐ Fishing Tackle

ba Hause

☐ Livestock Watering

□ NPDES Discharge

Evidence of Human Use\*:

Roads

Other:

☐ Rope swings

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

# Page Two - Data Sheet B for WBID #1679 -: 00/

I D Riffle Widt	n (ft):	Length (ft):	Avg. Depth ()	ft):	Max. Depth	(II).	
	n (ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth	(ft):	
	n (ft):/2	Length (ft): 5	O Avg Depth (	ft): / B . 5	Max. Depth	(ft): 0.	75
☐ Flow Press	nt? Yes	□ No	Estimated (ft	3/sec):	3		
Downstream V	iew Physical	Dimensions:	du oride	15 de	the of	- ver	35/1
	h (ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth	(ft):	Å
⊠⁄Run Widt	h (ft): ラ	Length (ft):	S Avg. Depth (	ft): 0, 34	Max. Depth	(ft): 0,	5
□ Pool Widt	h (ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth	(ft):	
☐ Flow Presi	nt? <b>∑</b> Yes	□ No	Estimated (ft	3/sec):			
nuatic Vegetati	on*: (note amo	unt of vegetation or	algal growth at the asse	ssment site)			Ŋ
ater Character	istics*: (Mark	all that apply.)	algal growth at the asse	None	Other:		
Odor:	istics*: (Mark	all that apply.)  Musky	Chemical Gray	None     Milky	☐ Other:	a Car	10
Odor: Color: Bottom Deposit: Surface Deposit:	istics*: (Mark  Sewage  Clear  Sludge	all that apply.)  Musky  Green  Solids  Scum	□ Chemical	☐ Milky ☐ None  None	☐ Other:  St Other:  ☐ Other:	alzu	and

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#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Site GPS Coordinates:	679-002	250	24 / 1/4/2	re 5 louistes	1. P. F. A
Date & Time: 7	1, 13 27 172	03	Facility Name:	u sayour	~ <u>67, Cos</u> /
Personnel: Manu		<i>,</i>	Permit Number:		
Current Weather Condin		1.1.1		ons for Past 7 days:	
hote Ids: Upstream:	11	nstream;	133 Other	· · · · · · · · · · · · · · · · · · ·	
polo ids. Opsdeam.	754 1000	Alstream.	400   Odiet		············
Observed*:					
☐ Swimming	☐ Skin diving	0:	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	☐ Rafting
	1	T	Fishing	None of the above	Other:
<del></del>	☐ Trapping  oer of individuals rec			documentation of evidence	of recreational uses, etc.)
	er of individuals rec	reating, fre	equency of use, photo-	documentation of evidence	
recomber (include numbers)	oer of individuals rec	reating, fre	equency of use, photo-	documentation of evidence	of recreational uses, etc.)
Describe: (include numb	or of individuals reconstruction of individual of indi	oromote or	impade recreational u	documentation of evidence	of recreational uses, etc.)  A Minn a  nee or unusual  Campgrounds
Describe: (include numb recommon property) rounding Condition of interest.)  City/county parks  Boating accesses	or of individuals reconstruction of individual	oromote or	impede recreational u	ses. Attach photos of evidence	of recreational uses, etc.)
Describe: (include numb	or of individuals reconstruction of individual of indi	oromote or	impede recreational u	documentation of evidence	of recreational uses, etc.)  Tish, Minni mee or unusual  Campgrounds  Stairs/walkway  Boo. Colle
Describe: (include numb  Counding Condition  of interest.)  City/county parks	Daily The ns*: (Mark all that p	oromote or	impede recreational u	ses. Attach photos of evidence	of recreational uses, etc.)  Tish, Minni mee or unusual  Campgrounds  Stairs/walkway  Boo. Colle
Describe: (include numb  Condition of interest.)  City/county parks  Boating accesses  No trespass sign	Daily The ns*: (Mark all that p	oromote or  MDC Natio	impede recreational u	ses. Attach photos of evidence	of recreational uses, etc.)  A Minn a  nee or unusual  Campgrounds

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 1079-: 00 =

Run Width (ft):	₩ 171116 ·	ft):	Length (ft):	Avg. Depth (f	t):	Max. Depth (ft):	
Pool   Width (ft):   5   Length (ft):   2   Avg. Depth (ft):   5   Max. Depth (ft):   4	ra/pun Width (		Length (ft): 3	Avg. Depth (	t): -0, 33	Max. Depth (ft):	حره آ
Flow   Present?   Yes   No Wataraya   Estimated (ft³/sec):   Of	<u></u>		<del></del>	751	t): 1.5	Max. Depth (ft):	42,
Downstream View Physical Dimensions:    Riffle   Width (ft):   Length (ft):   Avg. Depth (ft):   Max. Depth (ft):	<del></del>				/sec):	· · · · · · · · · · · · · · · · · · ·	- 1
Riffle Width (ft): Length (ft): Avg Depth (ft): Max. Depth (ft):		- //		5km,		andles	sund
Run Width (ft):	Downstream Vie	w Physical	Dimensions:		ran	till are	other
Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft):   Flow   Present?   Ves   No   Width   Stimated (ft)/sec):     Avg. Depth (ft): Estimated (ft)/sec):     Avg. Depth (ft):   Stimated (ft)/sec):     Avg. Depth (ft):   Stimated (ft)/sec):     Avg. Depth (ft):   Max. Depth (ft):     Avg. Depth (ft):   Max. Depth (ft):     Avg. Depth (ft):   Max. Depth (ft):     Avg. Depth (ft):   Stimated (ft)/sec):     Avg. Depth (ft):   Max. Depth (ft):     Avg. Depth (ft):   Avg. Depth (ft):   Avg. Depth (ft):     Avg. Depth (ft):   Avg. Depth (ft):   Avg. Depth (ft):     Avg. Depth (ft):   Avg. Depth (ft):   Avg. Depth (ft):     Avg. Depth (ft):   Avg. Depth (ft):   Avg. Depth (ft):     Avg. Depth (ft):   Avg. Depth (ft):   Avg. Depth (ft):     Avg. Depth (ft):   Avg. Depth (ft):   Avg. Depth (ft):     Avg. Depth (ft):   Avg. Depth (ft):   Avg. Depth (ft):     Avg.	□ Riffle Width (	(ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth (ft):	
Flow   Present?   Yes   No   Water   Yes   Estimated (ft   Sec):   No   How   Yes   No   Water   Yes   Estimated (ft   Sec):   No   How   Yes   No   Water   Yes   Estimated (ft   Sec):   No   How   Yes   No   Water   Yes   Estimated (ft   Sec):   No   How   Yes   No   Water   Yes   Estimated (ft   Sec):   No   How   Yes   No   Water   Yes	Run Width	(ft): /2	Length (ft): 💪	Avg. Depth (	ft): 0,5	Max. Depth (ft):	0.7
bstrate*: (These values should add up to 100%.)  # % Cobble	*****	(ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth (ft):	·
bstrate*: (These values should add up to 100%.)  % Cobble  % Gravel  % % Sand  % Silt  % Mud/Clay    uatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)  atter Characteristics*: (Mark all that apply.)  Odor:	☐ Flow Present	:?	No water	Estimated (ft	/sec):		
### Some   Stand   Wind/Clay    ### Silt   Wind/Clay    ### Silt   Wind/Clay    ### Mind/Clay    ### A Silt   Wind/Clay    ### Mind/Clay    ##	not flowing	- 5×000	ling Hel	*	Jaster, 1	nensus d	ecus 9
ater Characteristics*: (Mark all that apply.)  Odor: Sewage Musky Chemical Mone Other:  Color: Clear Green Gray Milky Other:  Bottom Deposit: Sludge Solids Fine sediments None Other:  Surface Deposit: Oil Scum Foam None Other:  Domments: Please attach additional comments (including information from interviews) to this form.  This information is not to be used solely for removal of a recreational use designation but rather is to provide a more more bensive understanding of water conditions. Consequently, this information is not intended to directly influence a	bstrate*: (These	values should a	dd up to 100%.)				
ater Characteristics*: (Mark all that apply.)  Odor: Sewage Musky Chemical Mone Other:  Color: Clear Green Gray Milky Other:  Bottom Deposit: Sludge Solids Fine sediments None Other:  Surface Deposit: Oil Scum Foam None Other:  omments: Please attach additional comments (including information from interviews) to this form.  his information is not to be used solely for removal of a recreational use designation but rather is to provide a more more bensive understanding of water conditions. Consequently, this information is not intended to directly influence a	4 C % Cobble	2'5%	Gravel 2	% Sand	% Silt	% Mud/Clay	% Be
Color: Clear CyGreen Gray Milky Gother:  Bottom Deposit: Sludge Solids Fine sediments None Other:  Surface Deposit: Goil Scum Foam None Other:  Omments: Please attach additional comments (including information from interviews) to this form.  This information is not to be used solely for removal of a recreational use designation but rather is to provide a more more heaview understanding of water conditions. Consequently, this information is not intended to directly influence a							
Bottom Deposit: Sludge Solids Fine sediments None Other:  Surface Deposit: Oil Seum Foam None Other:  Dimments: Please attach additional comments (including information from interviews) to this form.  This information is not to be used solely for removal of a recreational use designation but rather is to provide a more more heaview understanding of water conditions. Consequently, this information is not intended to directly influence a	1		·				
Surface Deposit: Oil Scum Foam None Other:  Dimments: Please attach additional comments (including information from interviews) to this form.  This information is not to be used solely for removal of a recreational use designation but rather is to provide a more more heaview understanding of water conditions. Consequently, this information is not intended to directly influence a	· · · · · · · · · · · · · · · · · · ·		·	☐ Chemical			
priments: Please attach additional comments (including information from interviews) to this form.  his information is not to be used solely for removal of a recreational use designation but rather is to provide a more propensive understanding of water conditions. Consequently, this information is not intended to directly influence a	Odor:	□ Sewage	☐ Musky	·-··		Other:	
his information is not to be used solely for removal of a recreational use designation but rather is to provide a more procedure understanding of water conditions. Consequently, this information is not intended to directly influence a	Odor: Color:	□ Sewage  Clear	☐ Musky  ☐ Musky	☐ Gray	□ Milky	Other:	701-
the undersigned, hereby affirm to the best of my knowledge, that all information reported	Odor: Color:	□ Sewage  Clear	☐ Musky  ☐ Musky	☐ Gray	□ Milky	☐ Other:	
ned: Macy Clane Date: 7-5-05	Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive understa sion on the recreation the undersigned tasheet is true a	Sewage Clear Sludge Oil attach additted to be used solution and solution use analysis, hereby affind accurate	Musky Series Solids Solids Solids Consecutional comments of a reconditions. Consecution to the best of the consecution of	Gray Fine sediments Foam  (including information recreational use design quently, this information of my knowledge, the second of the second o	Milky None None None None None None None None	Other:  Other: Other: Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:  Other:	: a on this

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#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

te GPS Coordinates. 9	** * * * * * * * * * * * * * * * * * * *	1,22	OUT DV KIPPIN	scription: of S	
ate & Time: 7-5-2	05 1:30				
ersonnel: Mar	y Clork		Permit Number:	. <u>.</u>	<del></del>
Current Weather Conditi	475-	10/0	Weather Condition	ons for Past 7 days:	
Photo Ids: Upstream:	431 Dow	nstrear	n: 432 Other	<del>:</del>	
Observed*:				<u></u>	
□ Swimming	☐ Skin diving	<u> </u>	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	-	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	☐ Other:
Sescuoe: (include numi	er of individuals rec	reating	, nequency or use, proce	documentation of evidence	\
rounding Conditio				ises. Attach photos of evide	
		promot			
rounding Conditios of interest.)	ns*; (Mark all that p	promot	e or impede recreational u	ises. Attach photos of evide	ence or unusual
rounding Conditio	ns*: (Mark all that p	promot	e or impede recreational u	uses. Attach photos of evide	ence or unusual
rounding Conditios of interest.)  City/county parks  Boating accesses	ns*: (Mark all that p Playgrounds State parks	promot	e or impede recreational u IDC conservation lands (ational forests	uses. Attach photos of evide  Urban areas  Nature trails	ence or unusual
rounding Conditions of interest.)  City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks	promot	e or impede recreational units (ational forests teep slopes	uses. Attach photos of evide  □ Urban areas □ Nature trails □ Other:	ence or unusual

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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## Page Two - Data Sheet B for WBID # 1679 : 003

Run Widti □ Pool Widti □ Flow Prese    Ownstream V   □ Riffle Widti   Run Widti	dth (ft):  dth (ft):  dth (ft):  sent? Sex Yes  View Physical dth (ft):  dth (ft):	Length (ft): PC  Length (ft):  No  Dimensions:  Length (ft):	Avg Depth ( Estimated (ft	ft): \* 4		):   ·
Pool Widtl Flow Prese  Ownstream V Riffle Widtl Run Widt	dth (ft): sent? SXYes View Physical dth (ft):	Length (ft):  No  No  Dimensions:	Avg Depth ( Estimated (ft	ft):		′ (!
Flow Prese  Ownstream V  Riffle Widt  Run Widt	View Physical dth (ft):	Dimensions:		³/sec);	Max. Depth (ft)	);
ownstream V  □ Riffle Widt  ☑ Run Widt	View Physical dth (ft):	Dimensions:	<del>}</del>			•
Riffle Widt	dth (ft):			veloc	ety Very	Slan
Run Widt	-	Length (ft):				
	dth (ft): ユング		Avg. Depth (		Max. Depth (ft	
□ Pool Widt		Length (ft): ) 03	Avg. Depth (	(ft): 1.5	Max. Depth (ft	<u>):                                    </u>
	dth (ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth (ft	): 
☐ Flow Prese	esent? Ves	□ No	Estimated (ft	3/sec):	·	· ·
			% Sand			
	lgs - Bro	unt of vegetation or alg		ssment site)		
		en-Cours		essment site)	□ Other:	
ter Character	gs Bro eristics*: (Mark	ail that apply.)	al growth at the asse		☐ Other:	
ter Character	eristics*: (Mark	ail that apply.)	al growth at the asse	<b>★</b> None		

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1679\_003 US

